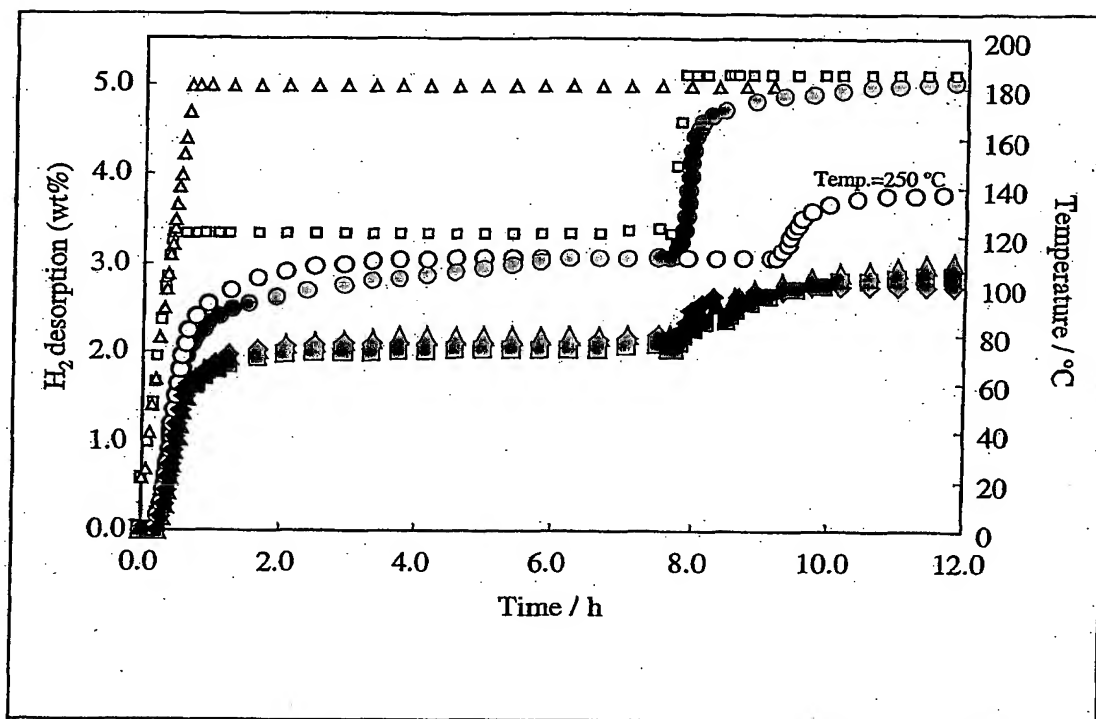


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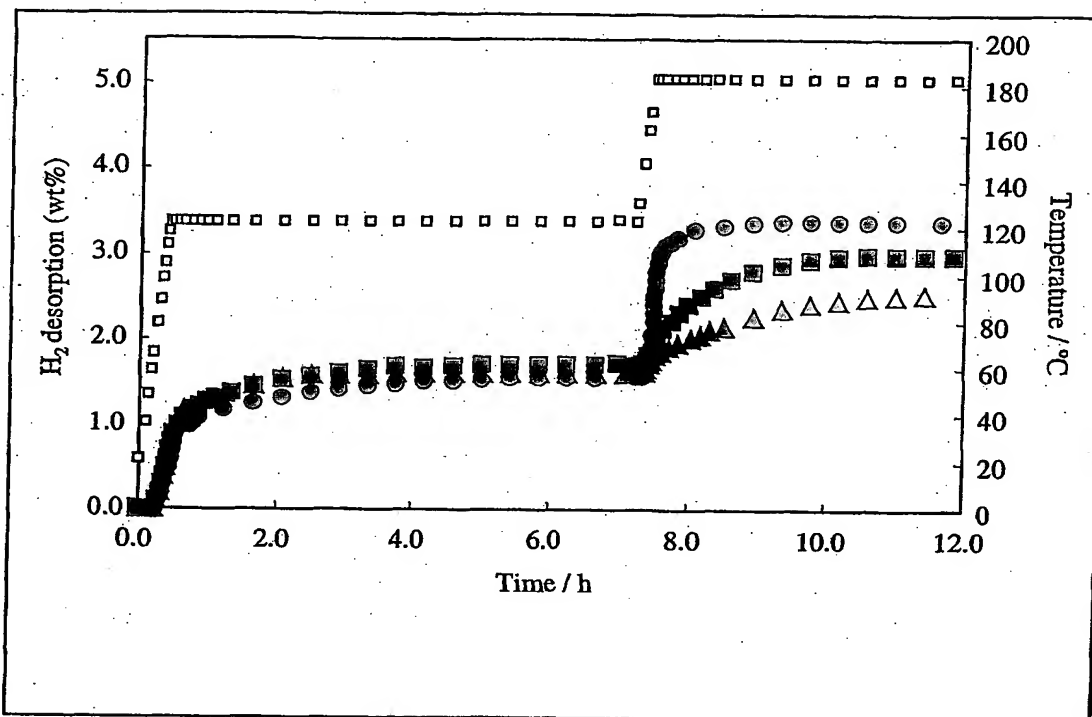
/ Figure 1



Encapsulated Ti doped NaAlH<sub>4</sub> (example 1); (○) cycle 1, (△) cycle 2, (□) cycle 3, (◇) cycle 4, (◊) cycle 5; (□) temperature in cycles 1 to 3 and 5; temperature in cycle 4.

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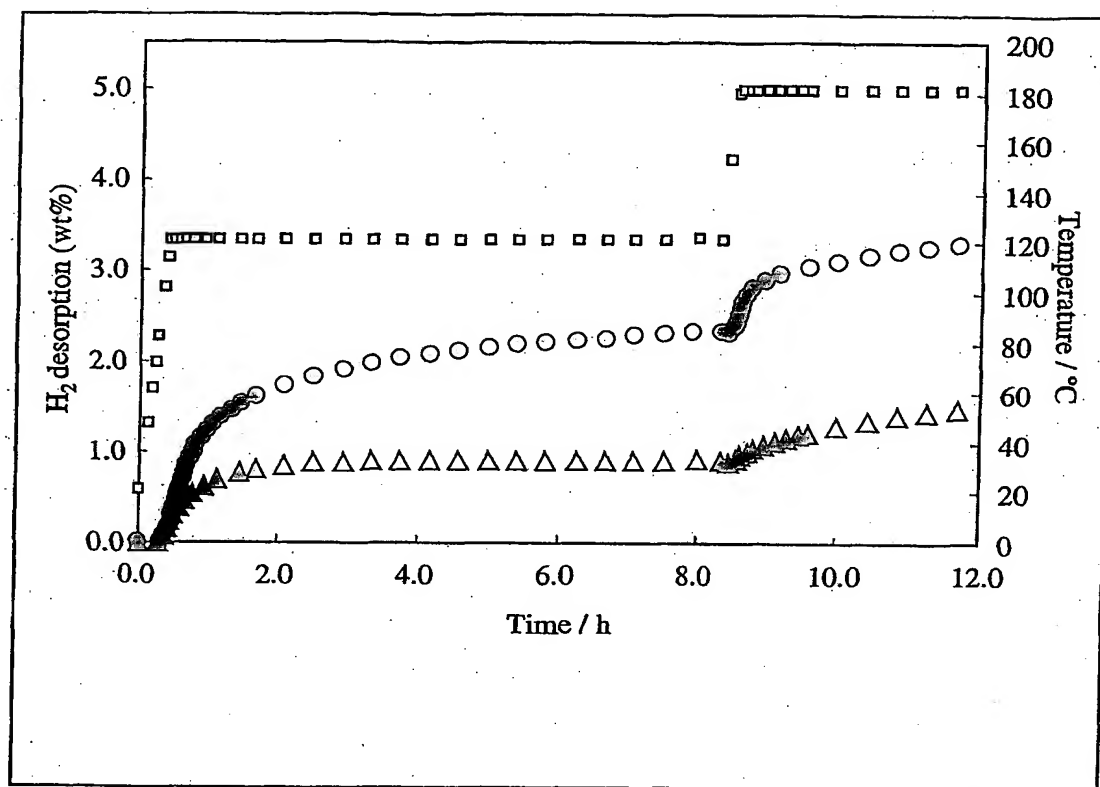
Figure 2



Encapsulated Ti doped NaAlH<sub>4</sub> (example 3); (○) cycle 1, (△) cycle 2, (◻) cycle 3, (◻) temperature in cycles 1 to 3

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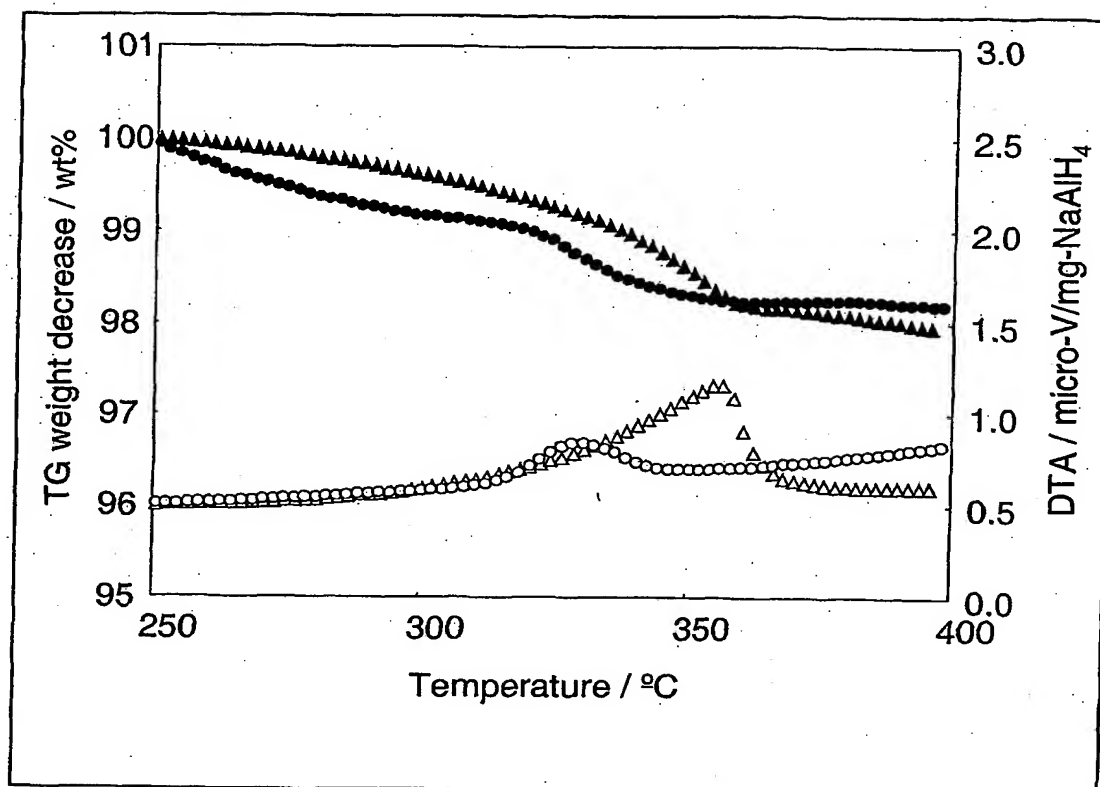
Figure 3



Non-encapsulated Ti doped NaAlH<sub>4</sub>; (○) cycle 1, (△) cycle 2, (□) temperature in cycles 1 and 2

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Figure 4



TG-DTA of encapsulated and non-encapsulated Ti doped NaAlH<sub>4</sub>; (●) TG of encapsulated Ti doped NaAlH<sub>4</sub> (example 3), (▲) TG of non-encapsulated Ti doped NaAlH<sub>4</sub>, (○) DTA of Ti doped NaAlH<sub>4</sub> (example 2), (△) DTA of non encapsulated Ti doped NaAlH<sub>4</sub>.

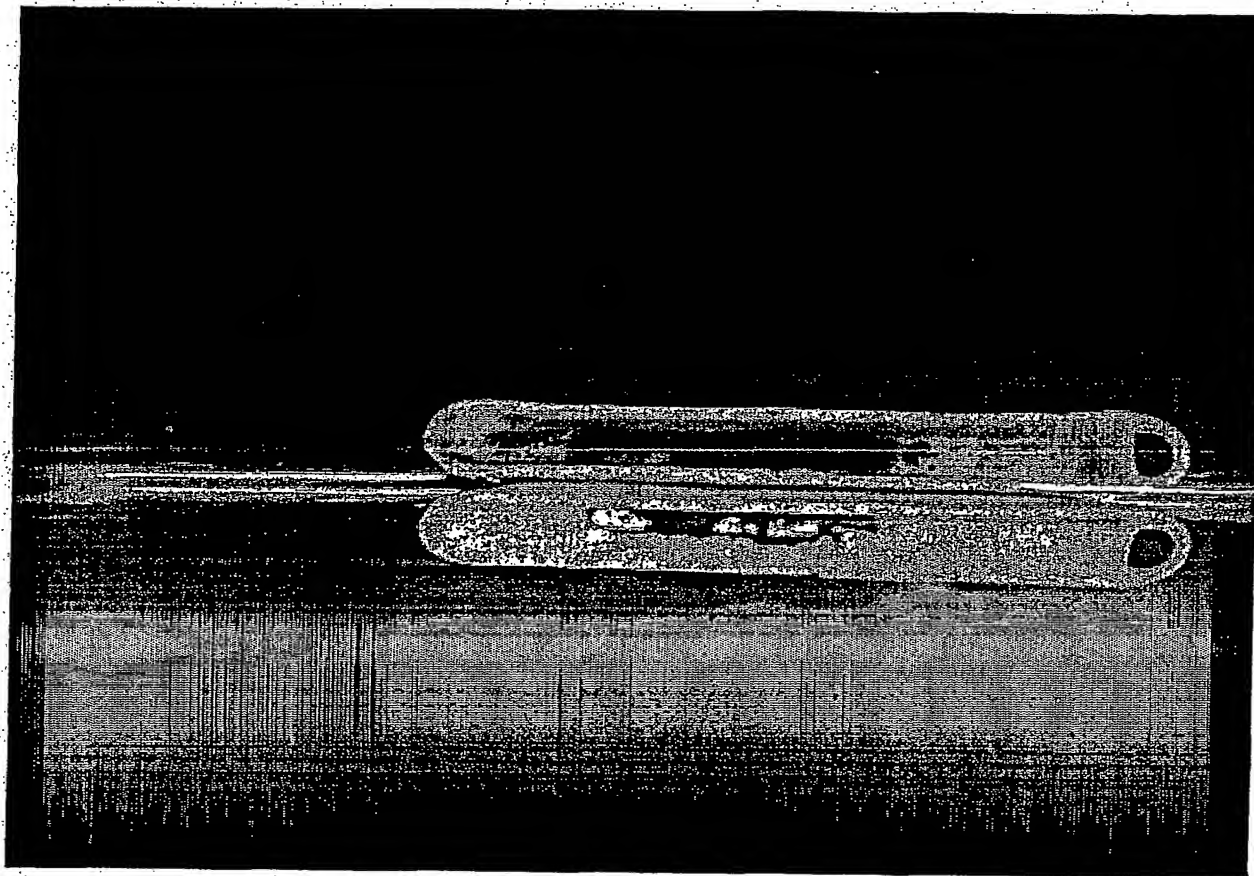
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Title : MATERIALS ENCAPSULATED IN POROUS MATRICES FOR  
THE REVERSIBLE STORAGE OF HYDROGEN

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Figure 5



NaAlH<sub>4</sub> doped with Ti after contact with air:  
Upper probe is encapsulated, lower is non-encapsulated (example 1).

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Figure 6

